EXHIBIT 1

COLOR KEY	DESCRIPTION
Industry Standard Term	A term or acrynym used or defined in an IETF, IEEE, or similar document at the time the command was purportedly added to Cisco IOS; may also refer to MIB variables

#	Disputed Cisco Command Words				
1	aaa	accounting			
2	aaa	accounting	dot1x		
3	aaa	authentication	login		
4	aaa	authorization	config-commands		
5	aaa	authorization	console		
6	aaa	group	server	radius	
7	aaa	group	server	tacacs+	
8	address-family				
9	aggregate-address				
10	area	default-cost			
11	area	default-cost			
12	area	nssa			
13	area	nssa			
14	area	nssa	default-information-originate		
15	area	nssa	default-information-originate		
16	area	nssa	no-summary		
17	area	nssa	translate	type7	always
18	area	nssa	translate	type7	always
19	area	range			
20	area	range			
21	area	stub			
22	area	stub			
23	arp	timeout			
24	banner	login			
25	banner	motd			
26	bfd	all-interfaces			
27	bgp	client-to-client	reflection		
28	bgp	cluster-id			
29	bgp	confederation	identifier		
30	bgp	confederation	peers		

31	bgp	listen	limit	
32	bgp	log-neighbor-changes		
33	bgp	redistribute-internal		
34	boot	system		
35	channel-group			
36	class-map	type	control-plane	
37	clear	arp-cache		
38	clear	counters		
39	clear	ip	arp	
40	clear	ip	bgp	
41	clear	ip	igmp	group
42	clear	ip	mroute	
43	clear	ip	msdp	sa-cache
44	clear	ip	nat	translation
45	clear	ip	ospf	neighbor
46	clear	ipv6	neighbors	
47	clear	ipv6	ospf	force-spf
48	clear	lldp	counters	
49	clear	lldp	table	
50	clear	mac	address-table	dynamic
51	clear	spanning-tree	counters	
52	clock	set		
53	clock	timezone		
54	control-plane			
55	default-information	originate		
56	default-information	originate		
57	default-metric			
58	distance	bgp		
59	domain-id			
60	dot1x	max-reauth-req		
61	dot1x	pae	authenticator	
62	dot1x	port-control		
63	dot1x	reauthentication		
64	dot1x	system-auth-control		
65	dot1x	timeout	quiet-period	
66	dot1x	timeout	reauth-period	
67	dot1x	timeout	tx-period	
68	enable	secret		

69	erase	startup-config			
70	errdisable	detect	cause	link-flap	
71	errdisable	recovery	cause		
72	errdisable	recovery	interval		
73	flowcontrol	receive			
74	flowcontrol	send			
75	interface	ethernet			
76	interface	loopback			
77	interface	port-channel			
78	interface	vlan			
79	ip	access-group			
80	ip	access-list			
81	ip	access-list	standard		
82	ip	address			
83	ip	as-path	access-list		
84	ip	community-list	expanded		
85	ip	community-list	standard		
86	ip	dhcp	smart-relay		
87	ip	dhcp	smart-relay	global	
88	ip	dhcp	snooping		
89	ip	dhcp	snooping	information	option
90	ip	dhcp	snooping	vlan	
91	ip	domain	lookup		
92	ip	domain-name			
93	ip	ext-community-list	expanded		
94	ip	ext-community-list	standard		
95	ip	helper-address			
96	ip	host			
97	ip	http	client	source-interface	
98	ip	icmp	redirect		
99	ip	igmp	last-member-query-count		
100	ip	igmp	last-member-query-interval		
101	ip	igmp	query-interval		
102	ip	igmp	query-max-response-time		
103	ip	igmp	snooping		
104	ip	igmp	snooping	querier	
105	ip	igmp	snooping	vlan	
106	ip	igmp	snooping	vlan	immediate-leave

107	ip	igmp	snooping	vlan	mrouter
108	ip	igmp	snooping	vlan	static
109	ip	igmp	startup-query-count		
110	ip	igmp	startup-query-interval		
111	ip	igmp	static-group		
112	ip	igmp	version		
113	ip	load-sharing			
114	ip	local-proxy-arp			
115	ip	msdp	cache-sa-state		
116	ip	msdp	default-peer		
117	ip	msdp	description		
118	ip	msdp	group-limit		
119	ip	msdp	keepalive		
120	ip	msdp	mesh-group		
121	ip	msdp	originator-id		
122	ip	msdp	peer		
123	ip	msdp	sa-filter	in	
124	ip	msdp	sa-filter	out	
125	ip	msdp	sa-limit		
126	ip	msdp	shutdown		
127	ip	msdp	timer		
128	ip	multicast	boundary		
129	ip	multicast-routing			
130	ip	name-server			
131	ip	nat	pool		
132	ip	nat	translation	tcp-timeout	
133	ip	nat	translation	udp-timeout	
134	ip	ospf	authentication		
135	ip	ospf	authentication-key		
136	ip	ospf	bfd		
137	ip	ospf	cost		
138	ip	ospf	dead-interval		
139	ip	ospf	hello-interval		
140	ip	ospf	message-digest-key		
141	ip	ospf	name-lookup		
142	ip	ospf	network		
143	ip	ospf	priority		
144	ip	ospf	retransmit-interval		

145	ip	ospf	shutdown	
146	ip	ospf	transmit-delay	
147	ip	pim	anycast-rp	
148	ip	pim	bfd	
149	ip	pim	bfd-instance	
150	ip	pim	bsr-border	
151	ip	pim	bsr-candidate	
152	ip	pim	dr-priority	
153	ip	pim	log-neighbor-changes	
154	ip	pim	neighbor-filter	
155	ip	pim	query-interval	
156	ip	pim	register-source	
157	ip	pim	rp-address	
158	ip	pim	rp-candidate	
159	ip	pim	sparse-mode	
160	ip	pim	spt-threshold	
161	ip	pim	spt-threshold	group-list
162	ip	pim	ssm	range
163	ip	prefix-list		
164	ip	protocol		
165	ip	proxy-arp		
166	ip	radius	source-interface	
167	ip	rip	v2-broadcast	
168	ip	route		
169	ip	routing		
170	ip	tacas	source-interface	
171	ipv6	access-group		
172	ipv6	access-list		
173	ipv6	address		
174	ipv6	dhcp	relay	destination
175	ipv6	enable		
176	ipv6	host		
177	ipv6	nd	managed-config-flag	
178	ipv6	nd	ns-interval	
179	ipv6	nd	other-config-flag	
180	ipv6	nd	prefix	
181	ipv6	nd	ra	interval
182	ipv6	nd	ra	lifetime

183	ipv6	nd	ra	suppress
184	ipv6	nd	reachable-time	
185	ipv6	nd	router-preference	
186	ipv6	neighbor		
187	ipv6	ospf	area	
188	ipv6	ospf	cost	
189	ipv6	ospf	dead-interval	
190	ipv6	ospf	hello-interval	
191	ipv6	ospf	network	
192	ipv6	ospf	priority	
193	ipv6	ospf	retransmit-interval	
194	ipv6	ospf	transmit-delay	
195	ipv6	prefix-list		
196	ipv6	route		
197	ipv6	router	ospf	
198	ipv6	unicast-routing		
199	isis	hello-interval		
200	isis	hello-multiplier		
201	isis	lsp-interval		
202	isis	metric		
203	isis	passive		
204	isis	passive-interface		
205	isis	priority		
206	is-type			
207	lacp	port-priority		
208	lacp	rate		
209	lacp	system-priority		
210	link	state	group	
211	link	state	track	
212	lldp	holdtime		
213	lldp	receive		
214	lldp	reinit		
215	lldp	run		
216	lldp	timer		
217	lldp	tlv-select		
218	lldp	transmit		
219	load	interval		
220	log-adjacency-changes			

221	log-adjacency-changes		
222	log-adjacency-changes		
223	logging	host	
224	mac	access-group	
225	mac	access-list	
226	mac	address-table	aging-time
227	mac	address-table	static
228	mac-address		
229	maximum-paths		
230	maximum-paths		
231	neighbor	activate	
232	neighbor	allowas-in	
233	neighbor	default-originate	
234	neighbor	description	
235	neighbor	ebgp-multihop	
236	neighbor	fall-over	bfd
237	neighbor	local-as	
238	neighbor	next-hop-self	
239	neighbor	password	
240	neighbor	peer-group	
241	neighbor	peer-group	
242	neighbor	remote-as	
243	neighbor	remote-private-as	
244	neighbor	route-map	
245	neighbor	route-reflector-client	
246	neighbor	send-community	
247	neighbor	shutdown	
248	neighbor	soft-reconfiguration	
249	neighbor	timers	
250	neighbor	transport	connection-mode
251	neighbor	update-source	
252	neighbor	weight	
253	network	area	
254	no	snmp-server	
255	ntp	authenticate	
256	ntp	authentication-key	
257	ntp	server	
258	ntp	source	

#	col1	col2	col3
259	ntp	trusted-key	
260	passive-interface	default	
261	passive-interface	<interface>	
262	passive-interface		
263	policy-map	type	control-plane
264	policy-map	type	qos
265	port-channel	load-balance	
266	port-channel	min-links	
267	priority-flow-control	mode	
268	private-vlan		
269	private-vlan	mapping	
270	ptp	domain	
271	ptp	priority1	
272	ptp	priority2	
273	ptp	sync	interval
274	radius-server	deadtime	
275	radius-server	host	
276	radius-server	key	
277	radius-server	retransmit	
278	radius-server	timeout	
279	redundancy	force-switchover	
280	route-map		
281	router	bgp	
282	router	isis	
283	router	ospf	
284	router	rip	
285	router-id		
286	router-id		
287	routing-context	vrf	
288	service	sequence-numbers	
289	set-overload-bit		
290	show	aaa	method-lists
291	show	aaa	sessions
292	show	arp	
293	show	bfd	neighbors
294	show	clock	
295	show	dot1q-tunnel	
296	show	dot1x	

297	show	dot1x	all	summary
298	show	dot1x	statistics	
299	show	environment	all	
300	show	environment	cooling	
301	show	environment	power	
302	show	environment	temperature	
303	show	etherchannel		
304	show	flowcontrol		
305	show	hostname		
306	show	hosts		
307	show	interfaces		
308	show	interfaces	capabilities	
309	show	interfaces	description	
310	show	interfaces	private-vlan	mapping
311	show	interfaces	status	
312	show	interfaces	switchport	
313	show	interfaces	switchport	backup
314	show	interfaces	transceiver	
315	show	interfaces	trunk	
316	show	inventory		
317	show	ip	access-lists	
318	show	ip	arp	
319	show	ip	bgp	
320	show	ip	bgp	community
321	show	ip	bgp	neighbors
322	show	ip	bgp	neighbors
323	show	ip	bgp	paths
324	show	ip	bgp	peer-group
325	show	ip	bgp	regexp
326	show	ip	bgp	summary
327	show	ip	community-list	
328	show	ip	dhcp	snooping
329	show	ip	extcommunity-list	
330	show	ip	helper-address	
331	show	ip	igmp	groups
332	show	ip	igmp	interface
333	show	ip	igmp	snooping
334	show	ip	igmp	snooping	groups

335	show	ip	igmp	snooping	mrouter
336	show	ip	igmp	snooping	querier
337	show	ip	interface		
338	show	ip	interface	brief	
339	show	ip	mfib		
340	show	ip	mroute		
341	show	ip	mroute	count	
342	show	ip	msdp	mesh-group	
343	show	ip	msdp	peer	
344	show	ip	msdp	rpf-peer	
345	show	ip	msdp	sa-cache	
346	show	ip	msdp	summary	
347	show	ip	nat	translations	
348	show	ip	ospf		
349	show	ip	ospf	border-routers	
350	show	ip	ospf	database	database-summary
351	show	ip	ospf	interface	
352	show	ip	ospf	neighbor	
353	show	ip	ospf	request-list	
354	show	ip	ospf	retransmission-list	
355	show	ip	pim	interface	
356	show	ip	pim	neighbor	
357	show	ip	pim	rp	
358	show	ip	pim	rp-hash	
359	show	ip	prefix-list		
360	show	ip	rip	database	
361	show	ip	rip	neighbors	
362	show	ip	route		
363	show	ip	route	summary	
364	show	ip	route	tag	
365	show	ipv6	access-lists		
366	show	ipv6	bgp		
367	show	ipv6	bgp	community	
368	show	ipv6	bgp	neighbors	
369	show	ipv6	bgp	summary	
370	show	ipv6	interface		
371	show	ipv6	neighbors		
372	show	ipv6	ospf		

373	show	ipv6	ospf	border-routers	
374	show	ipv6	ospf	interface	
375	show	ipv6	ospf	neighbor	
376	show	ipv6	prefix-list		
377	show	ipv6	route		
378	show	ipv6	route	summary	
379	show	ipv6	route	tag	
380	show	isis	database		
381	show	isis	interface		
382	show	isis	topology		
383	show	lacp	counters		
384	show	lacp	interface		
385	show	lacp	neighbor		
386	show	link	state	group	
387	show	lldp			
388	show	lldp	neighbors		
389	show	lldp	traffic		
390	show	mac	access-lists		
391	show	mac	address-table		
392	show	mac	address-table	aging	time
393	show	mac	address-table	count	
394	show	module			
395	show	monitor	session		
396	show	ntp	associations		
397	show	ntp	status		
398	show	policy-map	type	control-plane	
399	show	policy-map	interface	type	qos
400	show	policy-map	interface	control-plane	
401	show	port-channel	summary		
402	show	port-channel	traffic		
403	show	port-security			
404	show	port-security	address		
405	show	port-security	interface		
406	show	privilege			
407	show	ptp	clock		
408	show	ptp	parent		
409	show	ptp	time-property		
410	show	radius			

411	show	redundancy	states	
412	show	reload		
413	show	role		
414	show	route-map		
415	show	snmp		
416	show	snmp	chassis	
417	show	snmp	community	
418	show	snmp	contact	
419	show	snmp	engineID	
420	show	snmp	group	
421	show	snmp	host	
422	show	snmp	location	
423	show	snmp	mib	
424	show	snmp	source-interface	
425	show	snmp	trap	
426	show	snmp	user	
427	show	snmp	view	
428	show	spanning-tree		
429	show	spanning-tree	blockedports	
430	show	spanning-tree	bridge	
431	show	spanning-tree	interface	
432	show	spanning-tree	mst	
433	show	spanning-tree	mst	configuration
434	show	spanning-tree	mst	interface
435	show	spanning-tree	root	
436	show	storm-control		
437	show	tacas		
438	show	track		
439	show	user-account		
440	show	users		
441	show	version		
442	show	vlan		
443	show	vlan	private-vlan	
444	show	vlan	summary	
445	show	vrf		
446	show	vrrp		
447	snmp	trap	link-status	
448	snmp-server	chassis-id		

449	snmp-server	community		
450	snmp-server	contact		
451	snmp-server	enable	traps	
452	snmp-server	engineID	local	
453	snmp-server	engineID	remote	
454	snmp-server	group		
455	snmp-server	host		
456	snmp-server	location		
457	snmp-server	source-interface		
458	snmp-server	user		
459	snmp-server	view		
460	spanning-tree	bpdufilter		
461	spanning-tree	bpduguard		
462	spanning-tree	bridge	assurance	
463	spanning-tree	cost		
464	spanning-tree	guard		
465	spanning-tree	link-type		
466	spanning-tree	loopguard	default	
467	spanning-tree	mode		
468	spanning-tree	mst	configuration	
469	spanning-tree	portfast	bpdufilter	default
470	spanning-tree	portfast	bpduguard	default
471	spanning-tree	port-priority		
472	spanning-tree	transmit	hold-count	
473	spanning-tree	vlan		
474	spf-interval			
475	statistics	per-entry		
476	storm-control			
477	switchport	access	vlan	
478	switchport	backup	interface	
479	switchport	mode		
480	switchport	port-security		
481	switchport	port-security	maximum	
482	switchport	private-vlan	mapping	
483	switchport	trunk	allowed	vlan
484	switchport	trunk	native	vlan
485	switchport	vlan	mapping	
486	tacacs-server	host		

487	tacacs-server	key		
488	tacacs-server	timeout		
489	terminal	length		
490	terminal	monitor		
491	timers	basic		
492	timers	bgp		
493	timers	lsa	arrival	
494	timers	throttle	lsa	all
495	timers	throttle	spf	
496	username	sshkey		
497	vlan	internal	allocation	policy
498	vrf	definition		
499	vrf	forwarding		
500	vrrp	authentication		
501	vrrp	delay	reload	
502	vrrp	description		
503	vrrp	ip		
504	vrrp	ip	secondary	
505	vrrp	preempt		
506	vrrp	priority		
507	vrrp	shutdown		
508	vrrp	timers	advertise	